

Claims

Claim 1. A method for reducing roof membrane damage from hail/fastener impact comprising:

- locating a fastener in a roof construction;
- positioning an energy absorbing material over said fastener whereby said fastener is completely covered by said material; and
- affixing said material to said fastener.

Claim 2. A method for reducing roof membrane damage from hail/fastener contact as claimed in Claim 1 wherein said affixing is by adhering.

Claim 3. A method for reducing roof membrane damage from hail/fastener contact as claimed in Claim 2 wherein said adhering is by a self stick adhesive applied to said energy absorbing material.

Claim 4. A roof system with reduced hail/fastener impact damage characteristics comprising:

- a roof substrate having one or more layers of material;
- at least one fastener exposed at a top surface of said substrate;
- a dedicated energy absorbing material positioned over said at least one fastener; and
- a roof waterproofing membrane positioned atop all foregoing elements.

Claim 5. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 4 wherein said one or more layers of material includes insulation.

Claim 6. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 4 wherein said energy absorbing material is cover tape.

Claim 7. A roof system with reduced hail/fastener impact damage characteristics as claimed in claim 4 wherein said energy absorbing material is a self-sticking cover tape composed of cured EPDM membrane with a butyl gum rubber bottom.

Claim 8. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 6 wherein said cover tape is ethylene propylene diene monomer.

Claim 9. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 6 wherein said cover tape is self-adhesive tape.

Claim 10. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 4 wherein said energy absorbing material is two layers.

Claim 11. A roof system with reduced hail/fastener impact damage characteristics as claimed in Claim 10 wherein said two layers comprise a first layer covering a fastener and a second layer covering the first layer and a washer of the fastener.

Claim 12. A method for reducing roof membrane damage from hail/fastener contact as claimed in Claim 1 wherein said energy adsorbing material is installed on top of the roofing membrane in the area directly over and underlying fastener.

Claim 13. A roof system with reduced hail/fastener impact damage characteristics comprising:

- a roof substrate having one or more layers of material;
- at least one fastener exposed at a top surface of said substrate;
- a roof waterproofing membrane positioned over said at least one fastener; and
- a dedicated energy absorbing material positioned atop all foregoing elements.